

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Snyder *et al.*

Appl. No. 09/488,578

Filed: January 21, 2000

For: **System and Method for Real Time
Video Production and Multicasting**



Art Unit: 2711

Examiner: *To Be Assigned*

Atty. Docket: 1752.0010002

Information Disclosure Statement

Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith. It is further understood that the Examiner will consider information that was cited or submitted to the U.S. Patent and Trademark Office in a prior application relied on under 35 U.S.C. § 120. 1138 OG 37, 38 (May 19, 1992).

Applicants have checked the appropriate boxes below.

- ☒ 1. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
 - ☐ a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
 - ☐ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
 - ☐ c. Attached is our Check No. _____ in the amount of \$ _____ in payment of the fee under 37 C.F.R. § 1.17(p).
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. A separate Petition to the Group

Director, requesting consideration of this Information Disclosure Statement, is concurrently submitted herewith, along with our Check No. _____ in the amount of \$ _____ in payment of the fee under 37 C.F.R. § 1.17(i).

- ☐ a. I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).
- ☐ b. I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- ☐ 4. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- ☐ 5. A concise explanation of the relevance of the non-English language document(s) appears below:
- ☒ 6. The Examiner's attention is directed to co-pending U.S. Patent Application Nos. 09/215,161, filed December 18, 1998, 09/482,683, filed January 14, 2000 and 09/634,735, filed August 8, 2000, which are directed to related technical subject matter. The identification of these U.S. Patent Applications is not to be construed as a waiver of secrecy as to that applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination.
- ☒ 7. Copies of the documents were submitted to the Patent Office in Application No. 09/215,161, filed December 18, 1998, which is relied upon for an earlier filing

date under 35 U.S.C. § 120. Thus, copies of these documents are not attached.
37 C.F.R. § 1.98(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

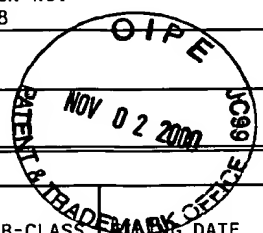


Robert Sokohl
Attorney for Applicants
Registration No. 36,013

Date: 11/2/00

1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934
(202) 371-2600

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 1752.0010002		APPLICATION NO. 09/488,578	
				APPLICANT Snyder <i>et al.</i>			
				FILING DATE January 21, 2000		GROUP 2711	



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	MARKING DATE
	AA1	4,232,311	11/1980	Agneta	340	703	
	AB1	4,242,707	12/1980	Budai	358	280	
	AC1	4,272,790	06/1981	Bates	360	14	
	AD1	4,283,766	08/1981	Snyder <i>et al.</i>	364	525	
	AE1	4,400,697	08/1983	Currie <i>et al.</i>	340	711	
	AF1	4,488,180	12/1984	Rabinowitz	358	183	
	AG1	4,559,531	12/1985	Buynak	340	703	
	AH1	4,631,590	12/1986	Yamada <i>et al.</i>	358	185	
	AI1	4,689,683	08/1987	Efron	358	185	
	AJ1	4,746,994	05/1988	Ettlinger	360	13	
	AK1	4,768,102	08/1988	O'Gwynn	358	311	

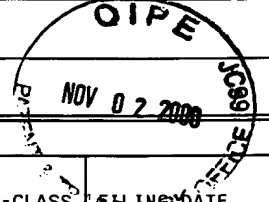
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 87/07108	11/1987	WIPO	H04N	5/782	Yes No
	AM1	EP 0 817 474 A1	01/1998	EPO	H04N	5/222	No
	AN1						Yes No
	AO1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	1	Ahanger, G. and Little, T.D.C., "Automatic Composition Techniques for Video Production," <i>IEEE Trans. On Knowledge and Data Engineering</i> , Vol. 10, No. 6, November/December 1998, pp. 967-987.
	AS	1	Hartford, S., "Overcoming Current Limitations of Personal Computers in Replacing Traditional Video Production Equipment," <i>SMPTE Journal</i> , Vol. 107, No. 1, January 1998, pp. 58-64.
	AT	1	Slack, P.A. <i>et al.</i> , "An Integrated Video Production System," <i>International Broadcasting Convention</i> , September 12-16, 1996, pp. 403-408.
	AU	1	Vigneaux, S., "The Integration of a Newsroom Computer System with a Server-Centred News Production System," <i>International Broadcasting Convention</i> , September 12-16, 1996, pp. 512-518.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1752.0010002	APPLICATION NO. 09/488,578
	APPLICANT Snyder <i>et al.</i>	
	FILING DATE January 21, 2000	GROUP 2711



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	4,972,274	11/1990	Becker <i>et al.</i>	360	14.1	
	AB2	5,001,473	03/1991	Ritter <i>et al.</i>	340	825.52	
	AC2	5,036,395	07/1991	Reimers	358	185	
	AD2	5,115,310	05/1992	Takano <i>et al.</i>	358	185	
	AE2	5,148,154	09/1992	MacKay <i>et al.</i>	340	712	
	AF2	5,237,648	08/1993	Mills <i>et al.</i>	395	133	
	AG2	5,262,865	11/1993	Herz	358	181	
	AH2	5,307,456	04/1994	Mackay	395	154	
	AI2	5,388,197	02/1995	Rayner	395	154	
	AJ2	5,420,724	05/1995	Kawamura <i>et al.</i>	360	13	
	AK2	5,434,678	07/1995	Abecassis	358	342	

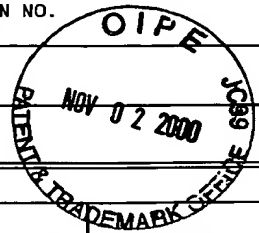
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2						Yes No
	AM2						Yes No
	AN2						Yes No
	AO2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>2</u>	Judy, T.A. (Ed.), <i>LOUTH Automation: Quarterly News</i> , Volume 1, Issue 2, July 1997.	
AS	<u>2</u>	Judy, T.A. (Ed.), <i>LOUTH Automation: Quarterly News</i> , Volume 1, Issue 3, October 1997.	
AT	<u>2</u>	Judy, T.A. (Ed.), <i>LOUTH Automation: Quarterly News</i> , Volume 1, Issue 4, January 1998.	
AU	<u>2</u>	Judy, T.A. (Ed.), <i>LOUTH Automation: Quarterly News</i> , Volume 1, Issue 5, March 1998.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1752.0010002	APPLICATION NO. 09/488,578
	APPLICANT Snyder <i>et al.</i>	
	FILING DATE January 21, 2000	GROUP 2711



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	5,442,749	08/1995	Northcutt <i>et al.</i>	395	200.09	
	AB3	5,450,140	09/1995	Washino	348	722	
	AC3	5,487,167	01/1996	Dinallo <i>et al.</i>	395	650	
	AD3	B1 4,689,683	02/1996	Efron	348	722	
	AE3	5,519,828	05/1996	Rayner	395	161	
	AF3	5,557,724	09/1996	Sampat <i>et al.</i>	395	157	
	AG3	5,559,641	09/1996	Kajimoto <i>et al.</i>	360	14.1	
	AH3	5,565,929	10/1996	Tanaka	348	565	
	AI3	5,602,684	02/1997	Corbitt <i>et al.</i>	386	52	
	AJ3	5,625,570	04/1997	Vizireanu <i>et al.</i>	364	514 A	
	AK3	5,664,087	09/1997	Tani <i>et al.</i>	345	473	

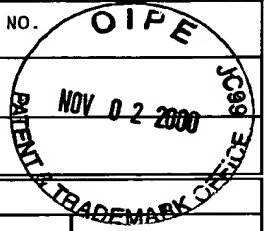
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3						Yes No
	AM3						Yes No
	AN3						Yes No
	AO3						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>3</u>	Judy, T.A. (Ed.), <i>LOUTH Automation: Quarterly News</i> , Volume 1, Issue 6, July 1998.	
AS	<u>3</u>	<i>AirBoss: Airtime Broadcast Automation</i> (visited July 13, 1998) < http://www.florical.com/air-boss.html >, 1 page.	
AT	<u>3</u>	<i>SpotCatcher--Video Server and Cache Management</i> (visited July 13, 1998) < http://www.florical.com/-spotcatcher.html >, 1 page.	
AU	<u>3</u>	<i>ShowTimer: Pre-Air Automation</i> (visited July 13, 1998) < http://www.florical.com/showtimer.html >, 1 page.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1752.0010002	APPLICATION NO. 09/488,578
	APPLICANT Snyder <i>et al.</i>	
	FILING DATE January 21, 2000	GROUP 2711



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4	5,737,011	04/1998	Lukacs	348	15	
	AB4	5,761,417	06/1998	Henley <i>et al.</i>	395	200.09	
	AC4	5,764,306	06/1998	Steffano	348	586	
	AD4	5,852,435	12/1998	Vigneaux <i>et al.</i>	345	302	
	AE4	5,880,792	03/1999	Ward <i>et al.</i>	348	722	
	AF4	5,892,767	04/1999	Bell <i>et al.</i>	370	432	
	AG4	5,918,002	06/1999	Klemets <i>et al.</i>	395	182.16	
	AH4	6,006,241	12/1999	Purnaveja <i>et al.</i>	707	512	
	AI4						
	AJ4						
	AK4						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4						Yes No
	AM4						Yes No
	AN4						Yes No
	AO4						Yes No

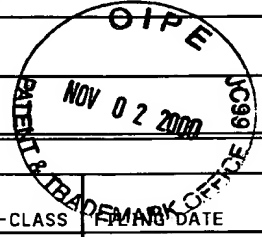
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
AR	<u>4</u>	NewsRepeater: Automated News Channel (visited July 13, 1998) < http://www.florical.com/news-repeater.html >, 1 page.	
AS	<u>4</u>	TimeShifter:Tape/Disk Network Delay (visited July 13, 1998) < http://www.florical.com/time-shifter.html >, 1 page.	
AT	<u>4</u>	Products: Integrated Money Making System (visited July 13, 1998) < http://www.florical.com/products.html >, 2 pages.	
AU	<u>4</u>	Product Information (last revised June 17, 1998) < http://www.louth.com/products/index.html >, 1 page.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1752.0010002APPLICATION NO.
09/488,578APPLICANT
Snyder *et al.*FILING DATE
January 21, 2000GROUP
2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5						
	AB5						
	AC5						
	AD5						
	AE5						
	AF5						
	AG5						
	AH5						
	AI5						
	AJ5						
	AK5						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL5						Yes No
	AM5						Yes No
	AN5						Yes No
	AO5						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>5</u>	ADC-100 (visited July 13, 1998) < http://www.louth.com/products/adc100_info.htm >, 2 pages.
AS	<u>5</u>	Video Server Management System (Copyright 1995, 1996) < http://www.pro-bel.com/corporate/pro-bel_software/product/mapp/ >, 4 pages.
AT	<u>5</u>	Presentation Automation. The Powerful and Flexible Windows Based Solution. (Copyright 1995, 1996) < http://www.pro-bel.com/corporate/pro-bel_software/products/automation/cp-4000.htm >, 3 pages.
AU	<u>5</u>	Station Automation - Now It's a Snap! (Copyright 1995, 1996) < http://www.pro-bel.com/corporate/pro-bel_software/products/automation/av-408.htm >, 2 pages.

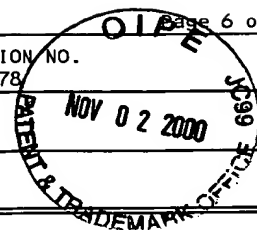
EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1752.0010002APPLICATION NO.
09/488,578APPLICANT
Snyder *et al.*FILING DATE
January 21, 2000GROUP
2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6						
	AB6						
	AC6						
	AD6						
	AE6						
	AF6						
	AG6						
	AH6						
	AI6						
	AJ6						
	AK6						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL6						Yes No
	AM6						Yes No
	AN6						Yes No
	AO6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>6</u>	Pro-Bel Software: Procion AV-Workbench (Copyright 1995-1998) < http://www.pro-bel.com/corporate/pro-bel.ltd/products/ShortForm/page3.htm >, 8 pages.
AS	<u>6</u>	
AT	<u>6</u>	
AU	<u>6</u>	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

1100 NEW YORK AVENUE, N.W., SUITE 600

WASHINGTON, D.C. 20005-3934

www.skgf.com

PHONE: (202) 371-2600 FACSIMILE: (202) 371-2540

ROBERT GREENE STERNE
EDWARD J. KESSLER
JORGE A. GOLDSTEIN
SAMUEL L. FOX
DAVID K.S. CORNWELL
ROBERT W. ESMOND
TRACY-GENE G. DURKIN
MICHELE A. CIMBALA
MICHAEL B. RAY
ROBERT E. SOKOHL
ERIC K. STEFFE
MICHAEL O. LEE

STEVEN R. LUDWIG
JOHN M. COVERT*
LINDA E. ALCORN
RAZ E. FLESHNER
ROBERT C. MILLONIG
MICHAEL V. MESSINGER
JUDITH U. KIM
TIMOTHY J. SHEA, JR.
DONALD R. MCPHAIL
PATRICK E. GARRETT
STEPHEN G. WHITESIDE
JEFFREY T. HELVEY*

HEIDI L. KRAUS
JEFFREY R. KURIN
RAYMOND MILLIEN
PATRICK D. O'BRIEN
LAWRENCE B. BUGAISKY
CRYSTAL D. SAYLES*
EDWARD W. YEE
ALBERT L. FERRO*
DONALD R. BANOWIT
PETER A. JACKMAN
MOLLY A. MCCALL
TERESA U. MEDLER

JEFFREY S. WEAVER
KRISTIN K. VIDOVICH
KENDRICK P. PATTERSON
DONALD J. FEATHERSTONE
GRANT E. REED
VINCENT L. CAPUANO
JOHN A. HARROUN*
MATTHEW M. CATLETT*
NATHAN K. KELLEY*
ALBERT J. FASULO II*
W. BRIAN EDGE*

KAREN R. MARKOWICZ**
SUZANNE E. ZISKA**
BRIAN J. DEL BUONO**
ANDREA J. KAMAGE**
NANCY J. LEITH**
TARJA H. NAUKKARINEN**

*BAR OTHER THAN D.C.
**REGISTERED PATENT AGENTS

2711

RECEIVED

NOV 03 2000

Technology Center 2600

November 2, 2000

WRITER'S DIRECT NUMBER:

(202) 371-2677

INTERNET ADDRESS:

RSOKOHL@SKGF.COM

Commissioner for Patents
Washington, D.C. 20231

Duplicate

Re: U.S. Utility Patent Application
Appl. No. 09/488,578; Filed: January 21, 2000
For: **System and Method for Real Time Video Production and Multicasting**
Inventors: Snyder *et al.*
Our Ref: 1752.0010002

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Information Disclosure Statement (*in duplicate*);
2. List of cited references on Form PTO-1449 (6 sheets); and
3. One (1) Return Postcard.

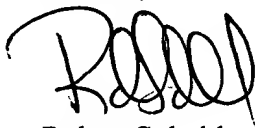
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
November 2, 2000
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

A handwritten signature in black ink, appearing to read 'R. Sokohl', written over a horizontal line.

Robert Sokohl
Attorney for Applicants
Registration No. 36,013

RES/KPP/dnk
Enclosures